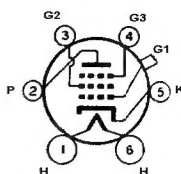


# RCA-57

## TRIPLE-GRID DETECTOR AMPLIFIER

The 57 is a triple-grid tube recommended especially for service as a biased detector in a-c receivers designed for its characteristics. The 57 is constructed with an internal shield connected to the cathode within the tube.



### CHARACTERISTICS

HEATER VOLTAGE (A. C. or D. C.).....	2.5	Volts
HEATER CURRENT .....	1.0	Ampere
GRID-PLATE CAPACITANCE (With shield-can).....	0.007 max.	$\mu\text{f}$
INPUT CAPACITANCE .....	5.0	$\mu\text{f}$
OUTPUT CAPACITANCE .....	6.5	$\mu\text{f}$
BULB .....		ST-12
CAP .....		Small Metal
BASE .....		Small 6-Pin

Other characteristics of this type are the same as for type 6J7.

### INSTALLATION AND APPLICATION

The base pins of the 57 fit the standard six-contact socket which may be installed to hold the tube in any position. For heater operation and cathode connection, refer to INSTALLATION for type 2A5.

For screen voltage and shielding requirements, see INSTALLATION on type 6C6.

Refer to APPLICATION on type 6J7. The curve shown under 6J7 also applies to the 57.

